

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number  
**WO 03/089215 A1**

(51) International Patent Classification<sup>7</sup>: **B29C 33/40, 45/00**

(21) International Application Number: **PCT/US03/10219**

(22) International Filing Date: **4 April 2003 (04.04.2003)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:  
**60/373,236 17 April 2002 (17.04.2002) US**

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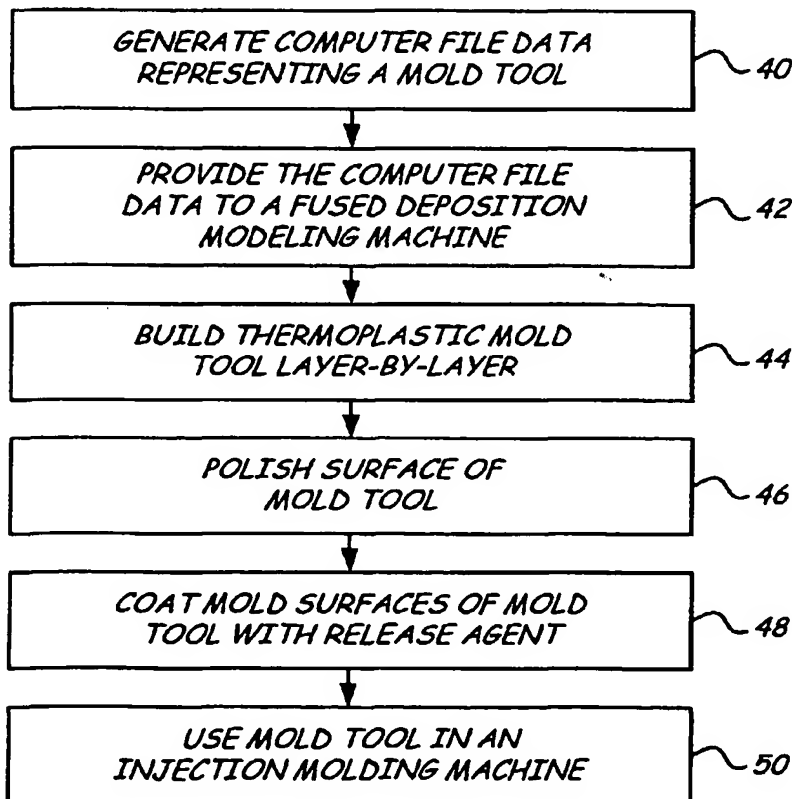
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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: **LAYERED DEPOSITION BRIDGE TOOLING**



(57) Abstract: Disclosed is a method for making a prototype plastic injection molded part from a mold tool (10) built by fused deposition modeling. The mold tool (10) is built by depositing roads of a molten thermoplastic resin in layers in a predetermined pattern defined by computer file data representing the inverse of the desired prototype molded part, and is used in an injection molding machine without the addition of any reinforcement fill material or layers to create the prototype part. The disclosed method provides prototype plastic injection molded parts within a twenty-four hour time period.

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